















D



+8dpi











#### SUPPLEMENTAL FIGURE LEGENDS

#### Figure S1. ZIKV and HSV-1 infections impair organoid growth (related to Figure 1)

**A**) Schematic diagram of viral exposure of 10-days-old brain organoids used in this study. See STAR Methods for details.

**B**) Immunostaining (scale bars 100  $\mu$ m) of 10-days-old organoids showing neuroectodermal identity.

**C-F)** Immunostaining (scale bars 50  $\mu$ m) of organoids exposed to ZIKV or MOCK-treated. Dashed lines indicate organoid surface based on DAPI signal. Shown in D is the quantification of apoptosis measured by the fraction of cleaved caspase 3 (CC3) positive cells over total cells at 12 dpi. Shown in E is the quantification of infection status marked by Zika virus antigen (ZIKVA) of apoptotic cells (CC3+) in ZIKV-exposed organoids. Values represent mean ± SEM (n=3 experiments with 21 regions from 12 MOCK organoids, n=17 regions from 14 ZIKV organoids; \*\*\*\* is p<0.0001, Mann-Whitney test). Quantification of the lumen area is shown in F. Violin plots show median and quartiles (n=129 regions in MOCK organoids, n=110 regions in infected organoids from 3 experiments; \*\*\*\* is p<0.0001, Mann-Whitney test).

**G-H**) Images (scale bars 200  $\mu$ m) and area quantification of organoids exposed to Human Cytomegalovirus-mNeonGreen (HCMV-mNG) or MOCK-treated. Values are mean ± SD and represent individual organoids (p>0.9999 for 10<sup>5</sup> PFU; p=0.8417 for 5×10<sup>5</sup> PFU; Mann-Whitney test).

**I-K**) Immunostaining (scale bars 50  $\mu$ m in I, 100  $\mu$ m in J) and quantifications of the ventricular zone (VZ)-like area of organoids exposed to HCMV-mNG (5×10<sup>5</sup> PFU) or MOCK-treated and analyzed at 12 dpi. Dashed lines indicate organoid contour based on DAPI signal. Violin plots show median and quartiles (n=40 regions from 3 MOCK organoids, n=79 from 3 HCMV-mNG organoids; p=0.2375; Mann-Whitney test).

**L-M**) Images (scale bars 200  $\mu$ m) and area measurements of organoids exposed to HSV-1 (10<sup>4</sup> and 10<sup>3</sup> PFU). Values are mean ± SD and represent individual organoids (p=0.1397 10<sup>4</sup> PFU 4 dpi; p=0.0164 10<sup>3</sup> PFU 4 dpi; \*\*\*\* is p<0.0001, Mann-Whitney test).

**N-R**) Immunostaining (scale bar 50  $\mu$ m in N, 20  $\mu$ m in Q) of organoids exposed to HSV-1 or MOCK-treated. Dashed lines indicate organoid surface based on DAPI signal. Arrowheads in Q indicate CC3+ cells. Note the altered nuclear morphology and peripheral chromatin of ICP4 positive cells. Infected cell polypeptide 4 (ICP4) is an immediate-early viral protein produced during HSV-1 lytic infection. Values in O represent mean ± SEM (n=3 experiments with 18 regions from 12 MOCK organoids and 16 regions from 12 HSV-1 organoids; \*\*\*\* is p<0.0001, Mann-Whitney test). Violin plots in P represent median and quartiles (n= 35 regions from 4 MOCK organoids and n=35 from 9 HSV-1 organoids from 3 experiments; \*\*\*\* is p<0.0001; Mann-Whitney test). Shown in R is the quantification of infection status (marked by ICP4) in

organoids exposed to HSV-1. Values represent mean  $\pm$  SEM (n=3 experiments with a total of 16 regions from 12 organoids).

Dpi, days post-infection; ns, non-significant. See also Table S2. Pos, positive; Neg, negative.

## Figure S2. ZIKV and HSV-1 infections elicit distinct transcriptional responses (related to Figure 2)

**A**) Heatmap showing high expression (>100 transcripts per million, tpm) of the neural progenitor markers *FOXG1*, *NESTIN* and *SOX2* in MOCK-treated organoids measured by RNA-sequencing. Low expression of the microglia/macrophage progenitor markers *CD11b*, *PU.1* and *IBA1* (<10 tpm) is shown for comparison.

**B**) Expression (in scaled Variance Stabilizing Transformation or VST) of differentially expressed genes in ZIKV-exposed vs MOCK-exposed organoids.

**C**) Immunostaining (scale bars 50  $\mu$ m) of organoids exposed to HSV-1 or MOCK-treated. Dashed lines indicate organoid surface based on DAPI signal. Arrows indicate nuclear Snai1 signal in infected organoids, while the asterisk marks apical Sna1 signal in mock-treated organoids.

**D**) Expression (in transcripts per million, tpm) of the N-cadherin gene *CDH*<sup>2</sup> measured by RNA-sequencing at 8 dpi. Values are mean  $\pm$  SD (n=3).

**E**) Quantification of Sox1 mean intensity per cell at 8 dpi. Values are median and quartiles (n=7961 cells from 4 MOCK organoids, n=5316 cells from 5 HSV-1 organoids; \*\*\*\* is p<0.0001, Mann-Whitney test).

**F**) RT-qPCR analysis of HSV-1 thymidine kinase (TK) gene expression in 40-days-old organoids exposed to HSV-1 over MOCK-treated samples. Values are mean ± SEM (n=4 experiments, p=0.0286, Mann-Whitney test).

**G**) Area quantification of 40-days-old organoids infected with HSV-1 or MOCK-treated. Values are mean  $\pm$  SD and represent individual organoids (p=0.1846 4 dpi; p=0.7137 8dpi; \*\*\*\* is p<0.0001 12 dpi; Mann-Whitney test).

**H**) Immunostaining of 40-days-old organoids exposed to HSV-1. Dashed lines indicate ventricular zone (VZ) contour. Scale bars are 200  $\mu$ m and 100  $\mu$ m (insets).

I-L) Images, immunostaining (scale bars 500  $\mu$ m) and quantifications of 40-days-old organoids analyzed at 12 dpi. Arrowheads and triangles in J indicate normal and disrupted ventricular zone (VZ)-like regions in MOCK-treated and HSV-1-infected organoids respectively. Violin plots in K show median and quartiles (n=128 regions from 12 MOCK organoids and n=86 regions from 12 HSV-1 organoids from 3 experiments; \*\*\*\* is p<0.0001, Mann-Whitney test). Data in L are mean ± SEM (n=3 experiments for a total of 18 regions for MOCK and 23 regions for HSV-1 organoids; \*\*\*\* is p<0.000,; Mann-Whitney test). **M**) RT-qPCR analysis showing upregulation of the epithelial-mesenchymal transition (EMT) gene *SNAI1* and early mesodermal genes *MIXL1* and *LHX1* in 40-days-old organoids exposed to HSV-1 over MOCK-treated samples. Values are mean  $\pm$  SEM (n=4 experiments, p=0.0286 in all cases, Mann-Whitney test over age-matched MOCK controls).

N) Immunostaining (scale bars 50  $\mu$ m) of 40-days-old organoids exposed to HSV-1 or MOCK-treated. Dashed lines indicate VZ-like regions.

Dpi, days post-infection.

# Figure S3. ZIKV and HSV-1 infections differentially engage the IFN-I system (related to Figure 3)

**A-B**) RT-qPCR analysis of *IFIT2* expression in organoids after ZIKV or HSV-1 exposure relative to their MOCK counterparts. Values are mean  $\pm$  SEM (ZIKV: p=0.7 1 dpi; p=0.0022 4 dpi; p=0.0286 12 dpi; HSV-1: p=0.4 1 dpi; p=0.7 4 dpi; p=0.0119 8 dpi; Mann-Whitney test comparisons over age-matched MOCK-treated counterparts).

**C**) Quantification of *ISRE>tdTomato (ISRE>tdT)* positive cells measured by flow cytometry in 12-days-old organoids carrying the dual reporter system and incubated with increasing doses of the indicated recombinant IFN-I (10 ng/ml and 50 ng/ml) for one day. Measurements are mean  $\pm$  SD (n=3; \*\*\*\* is p<0.0001, one-way ANOVA multiple comparisons over untreated).

**D**) Immunostaining (scale bars 200  $\mu$ m) of 14-days-old organoids carrying the dual reporter system and incubated for 48 hours with IFN $\beta$ . Dashed lines indicate organoid contour based on DAPI signal. Insets show a magnified view. Note the low expression of *IFN>GFP* and *ISRE>tdT* reporters in the untreated sample.

**E-G**) Immunostaining (scale bars 100  $\mu$ m) and quantifications of A549 cells engineered with the dual reporter system and analyzed 24 hours after stimulation with poly(I:C). Arrowheads indicate *IFN>GFP* positive cells. Graphs are Tukey plots (n=5; p=0.0043 in F, p=0.0043 in G, Mann-Whitney tests). Ctrl, control transfection.

**H-I**) Immunostaining (scale bars 50  $\mu$ m) and quantification of *ISRE>tdT* expressing cells in ZIKV-exposed organoids engineered with the dual reporter system. Dashed lines indicate organoid surface based on DAPI signal. Values are mean ± SD (n=9 regions from 3 organoids).

J) Immunostaining (scale bars 100  $\mu$ m) of organoids exposed to ZIKV. Dashed lines separate the infected region (marked by an asterisk) from the uninfected area. ZIKVE, Zika virus Envelope protein.

dpi, days post-infection; ns, non-significant.

## Figure S4. The IFN-I response in brain organoids is more attenuated than in 2D cultures (related to Figure 4)

**A**) Outline of the protocol used to generate 2D cultures of cells dissociated from organoids (disOrganoids) derived from human pluripotent stem cells (hPSCs). Immunostaining (scale bars 100  $\mu$ m) at day 16 is shown at the bottom. mTS, mTeSR1; EB, embryoid body. See STAR Methods for details.

**B-E**) Immunostaining (scale bars 100  $\mu$ m) of A549 cells and disOrganoid cultures (disOrg) exposed to ZIKV or HSV-1 and analyzed at 4 dpi. Shown in C and E are the quantifications of ZIKV vRNA and HSV-1 thymidine kinase (TK) expression levels by RT-qPCR showing a much faster kinetics of ZIKV and HSV-1 replication in 2D cultures compared to brain organoids. Values are mean ± SEM (n=3 for A549, n=4 disOrg, n≥3 Org; p values for ZIKV: p=0.1 A549 1 and 4 dpi; p=0.0286 disOrg 2 and 4 dpi; p=0.1 Org 1 dpi, p=0.0022 Org 4 dpi, p=0.0286 Org 12 dpi; p values for HSV-1: p=0.1 A549; p=0.0286 disOrg; p>0.9999 Org 1 dpi, p=0.4 Org 4 dpi, p=0.0079 Org 12 dpi; Mann-Whitney tests). Note that HSV-1 infection in 2D cultures induce the formation of multicellular structures.

F) Immunostaining (scale bars 20  $\mu\text{m})$  of uninfected cultures showing cytoplasmic Irf3 localization.

**G**) Expression of nucleic acid sensors measured by RT-qPCR in hPSCs and organoids at various stages. D, day; Org, organoids. Values are mean ± SEM (n=4 for hPSCs, OrgD44, OrgD60; n=5 OrgD14-22; n=3 OrgD92; p=0.0024 RIG-I, p=0.0040 DHX58, p=0.0017 cGAS, p=0.0006 STING, \*\*\*\* is p<0.0001, one-way ANOVA).

**H**) Expression of nucleic acid sensors (in Reads Per Kilobase of transcript, per Million mapped reads, RPKM) in human fetal brains. Data were retrieved from the BrainSpan dataset (Miller et al., 2014) and include measurements from dorsolateral, ventrolateral and medial prefrontal cortex isolated from brains at various developmental ages. Values are mean ± SEM (p=0.0016 RIG-I; p=0.0101 cGAS; p=0.1921 TLR7; \*\*\*\* is p<0.0001, one-way ANOVA). pcw, post conceptional week; yrs, years.

I) Outline of the protocol used to generate human neural progenitor cells (NPCs) via monolayer cultures. Immunostaining (scale bars 100  $\mu$ m) at day 7 is shown at the bottom. See STAR Methods for details.

**J**) Immunostaining (scale bars 50  $\mu$ m) and quantification of apoptosis in organoids carrying the dual reporter system, exposed to ZIKV or MOCK-treated. Dashed lines indicate organoid surface based on DAPI signal. Arrowheads indicate examples of tdTomato-negative CC3+ cells. CC3+ cells were scored regardless of their *ISRE>tdT* expression (all cells) or based on *ISRE>tdT* positive (POS) or negative (NEG) expression. Values are mean ± SEM and represent individual regions from 3 organoids for MOCK and 4 for ZIKV (p=0.0002 ZIKV all vs

MOCK all; p=0.0002 *ISRE>tdT* NEG vs MOCK all; p=0.003 *ISRE>tdT* POS vs MOCK all; p=0.003 *ISRE>tdT* POS vs MOCK all; p=0.3 *ISRE>tdT* NEG vs ZIKV all; p<0.0001 *ISRE>tdT* POS vs ZIKV all; unpaired t tests).

Dpi, days post-infection.

#### Figure S5. Effect of IFN-I in 2D and 3D cultures (related to Figure 5)

**A-D**) Images and immunostaining (scale bars 100  $\mu$ m) of 2D cultures of cells dissociated from organoids (disOrganoids) infected with ZIKV or HSV-1, treated with IFN-I and analyzed at 4 dpi. IFN-I were administered at 2 and 48 hours after exposure.

**E-I)** Images (in E, scale bars 200 μm) and immunostaining (in G, scale bars 50 μm) of uninfected organoids treated with IFN-I as described in Figure 5A and analyzed at 12 dpi. Dashed lines mark the organoid surface according to DAPI signal. Data in F are mean ± SD and represent individual organoids (p=0.3296 IFNα2 vs untreated; p=0.5560 IFNβ vs untreated, Kruskal-Wallis multiple comparisons tests). Violin plots in H show median and quartiles (n=105 regions from 7 untreated organoids, n=103 from 7 IFNα2-treated organoids, n=119 from 9 IFNβ-treated organoids; p=0.0907 for IFNα2 vs untreated; p>0.9999 for IFNβ vs untreated, Kruskal-Wallis multiple comparisons test). Values in I represent mean ± SD (n=6 untreated regions, n=7 IFNα2-treated regions, n=7 IFNβ-treated regions, from 2 organoids per condition; p=0.0218 IFNα2 vs untreated, p>0.9999 IFNβ vs untreated, Kruskal-Wallis multiple S2.

J) Area quantification of organoids exposed to ZIKV and treated with increasing doses of IFN-I and type III IFNs (IFN $\lambda$ 1 and IFN $\lambda$ 2) as described in Figure 5A. Organoids were analyzed at 12 dpi. Values are mean ± SD and represent individual organoids (one-way ANOVA with Dunnett's multiple comparisons tests).

**K**) Quantification of ISG gene expression by RT-qPCR in 12-days-old organoids after incubation with the indicated interferons (IFNs) for one day. Values are mean  $\pm$  SEM (n=3; *IFIT2*: p=0.9977 IFN $\lambda$ 1, p=0.9832 IFN $\lambda$ 2; *OAS1*: p=0.9992 IFN $\lambda$ 1; p>0.9999 IFN $\lambda$ 2; *ISG15*: p=0.9992 IFN $\lambda$ 1; p>0.9999 IFN $\lambda$ 2; \*\*\*\* is p<0.0001, one-way ANOVA with Tukey's multiple comparisons test to the untreated condition).

L) Dendrogram showing hierarchical clustering of ZIKV-infected organoids analyzed by RNAsequencing. AU and BP values (%) are shown on the edges of the clustering. Red boxes indicate the main clusters identified with AU larger than 95%. AU, approximately unbiased; BP, bootstrap probability.

Dpi, days post-infection; ns, non-significant.

## Figure S6. IFN $\beta$ treatment fails to prevent HSV-1-induced organoid defects (related to Figure 6)

A) Dendrogram showing hierarchical clustering of HSV-1-infected organoids treated with interferons as described in Figure 6A and analyzed by RNA-sequencing. AU and BP values (%) are shown on the edges of the clustering. Red boxes indicate the main clusters identified with AU larger than 95%. AU, approximately unbiased; BP, bootstrap probability.

**B-D**) Analysis of differentially expressed genes (DEGs) combined from IFN $\alpha$ 2-treated and IFN $\beta$ -treated samples vs untreated controls at early and late time points (corresponding to 4 and 12 dpi respectively). The top 5 GO-terms are shown.

**E-G**) Analysis of differentially expressed genes (DEGs) in IFN $\alpha$ 2-treated and IFN $\beta$ -treated samples vs untreated controls at early and late time points. VST, variance stabilizing transformation.

**H**) Time-resolved expression of genes differentially expressed in IFN $\alpha$ 2- or IFN $\beta$ -treated samples.

dpi, days post-infection.

#### Figure S7. HSV-1 selectively counteracts IFNβ activity (related to Figure 7)

**A-B**) Outline of IFN-I pre- and post-treatment experiments and area quantification of organoids at 8 dpi. Lines are mean  $\pm$  SD and represent individual organoids (Kruskal-Wallis multiple comparisons tests). See also Table S2.

**C**) Expression of the ISGs *PKR*, *IFIT2*, *ISG15* and *OAS1* measured by RNA-sequencing. Values represent mean ± SEM (n=3).

**D**) Schematic diagram of a linearized DNA molecule of HSV-1 showing the relevant features of wild type (WT) HSV-1 and the deletion of both copies of the ICP34.5 gene in the R3616 mutant virus. HSV-1 genome consists of two covalently joined segments, L (long) and S (short), each comprising a unique region (U) flanked by a set of terminal and inverted repeats (TR and IR). Bottom panels show the PCR amplification products for ICP34.5 and thymidine kinase (TK) sequences from viral nucleic acids preparations and analyzed by electrophoresis. Std, size standards in kilobases (kb).

**E**) Expression of ISGs measured by RT-qPCR analysis in organoids infected with HSV-1 wild type or R3616 ( $10^2$  PFU) at 8 dpi. Data are mean ± SEM (n=3; p>0.9999 *IFIT2*; p=0.7 *ISG15*; p=0.1 *OAS1*; Mann-Whitney test).

dpi, days post-infection; ns, non-significant.

#### SUPPLEMENTAL ITEMS

# Table S1. Summary of TORCH infection experiments in early-stage organoids (relatedto Figure 1, S1 and 7)

TORCH agent (strain)	Family (subfamily)	Genome	Genome size (kb)	Target cell	Dose	Replication	Organoid growth phenotype
ZIKV (French Polynesian)	Flaviviridae	ssRNA(+)	10.7	hNPC	10 <sup>5</sup> TCID <sub>50</sub>	efficient	attenuated
HCMV (TB40/E)	Herpesviridae (Betaherpesvirinae)	dsDNA	235	hNPC	10 <sup>5</sup> PFU	inefficient	none
					5 <b>×</b> 10⁵ PFU	inefficient	none
HSV-1 (F)	Herpesviridae (Alphaherpesvirinae)	dsDNA	152	hNPC	10 <sup>4</sup> PFU	efficient	severely attenuated
					10 <sup>3</sup> PFU	efficient	severely attenuated
					10 <sup>2</sup> PFU	efficient	attenuated
HSV-1 R3616 (F)	Herpesviridae (Alphaherpesvirinae)	dsDNA	152	hNPC	10 <sup>3</sup> PFU	efficient	attenuated
					10 <sup>2</sup> PFU	inefficient	very mildly attenuated

## Table S2. Summary of organoids used in various experiments (related to Figure 1, S1, S2, 5, S5, 6, 7 and S7)

Figure	Experiment	No. viral particles per organoid	No. organoid batches (experiments)	Total no. organoids
1B	ZIKV infection	10 <sup>5</sup> TCID <sub>50</sub> units	5	n=35 MOCK 4 dpi n=32 ZIKV 4 dpi n=42 MOCK 8 dpi n=28 ZIKV 8 dpi n=46 MOCK 12 dpi n=51 ZIKV 12 dpi
S1H	HCMV	10 <sup>5</sup> PFU	3	n=16 MOCK 12 dpi n=18 HCMV 12 dpi
S1H	HCMV	5×10⁵ PFU	1	n=6 MOCK 12 dpi n=5 HCMV 12 dpi
S1M	HSV-1 infection	10 <sup>4</sup> PFU	2	n=9 MOCK 4 dpi n=10 HSV-1 4 dpi n=13 MOCK 8 dpi n=14 HSV 8 dpi
S1M	HSV-1 infection	10 <sup>3</sup> PFU	2	n=29 MOCK 4 dpi n=37 HSV-1 4 dpi n=25 MOCK 8 dpi n=32 HSV-1 8 dpi
11	HSV-1 infection	10 <sup>2</sup> PFU	3	n=58 MOCK 4 dpi n=74 HSV-1 4 dpi n=72 MOCK 8 dpi n=87 HSV-1 8 dpi
S2G	HSV-1 infection (day 40)	6×10 <sup>2</sup> PFU	5	n=52 MOCK 4 dpi n=51 HSV-1 4 dpi n=40 MOCK 8 dpi n=35 HSV-1 8 dpi n=40 MOCK 12 dpi n=33 HSV-1 12 dpi
5C	IFN-I treatment against ZIKV	10 <sup>5</sup> TCID <sub>50</sub> units	3	n=26 MOCK 12 dpi n=22 ZIKV 12 dpi n=29 ZIKV+IFNα2 12 dpi n=25 ZIKV+IFNβ 12 dpi
S5F	IFN-I treatment	none	5	n=49 untreated n=50 IFNα2 n=50 IFNβ
6C	IFN-I treatment against HSV-1	10 <sup>2</sup> PFU	3	n=72 MOCK 8 dpi n=87 HSV-1 8 dpi n=54 HSV-1+IFNα2 8 dpi n=68 HSV-1+IFNβ 8 dpi
7K	IFN-I treatment against HSV-1 R3616	10 <sup>2</sup> PFU	1	n=17 MOCK 8 dpi n=22 R3616 8 dpi n=11 R3616+IFNα2 8 dpi n=11 R3616+IFNβ 8 dpi
S7B	IFN-I pre and post treatment against HSV-1 WT	10 <sup>2</sup> PFU	5	n=97 MOCK 8 dpi n=107 HSV-1 8 dpi n=40 HSV-1+postIFNα2 8 dpi n=44 HSV-1+preIFNα2 8 dpi n=37 HSV-1+postIFNβ 8 dpi n=41 HSV-1+preIFNβ 8 dpi

## Table S3. Differential gene expression in infected versus MOCK organoids(related to Figure 2 and S2)

A-B) Differentially expressed genes (DEGs) in ZIKV-exposed versus MOCK-exposed organoids at 12 days post-infection (dpi, A) and in HSV-1-exposed versus MOCK-exposed organoids at 8 dpi (B).

### Table S4. Primer sequences used for RT-qPCR (related to STAR Methods)

Primers TBP:         This study         N/A           forward 5-3 GGGCACCACTCCACTETATC         reverse 5-3 GGAAGTGCAATGGTCTTTAGG         Painers IFNA:	Target and sequences	SOURCE	IDENTIFIER
forward 5-3 GGGACCACCTCCACTGTATC reverse 5-3 GGGATGGCAAGGCCTGA Frimers IFNA: Forward 5-3 TGTGCCAATGAATGGAGATCACAGCCC Primers IFNS: Conward 5-3 TGTGCCAATGAATGGGAGGCTTGA Reverse 5-3 TGTGCCAATGAATGGGAGGCTGA Reverse 5-3 TGTGCCAATGAATGGGAGGCTGA Reverse 5-3 TGTGCCAATGAATGGGAGGCTGA Reverse 5-3 TGTGCCAATGAATGGGAGGCTGA Reverse 5-3 TGTGCCAGATGAAGGCGAAG Reverse 5-3 CACCTGAGGCTGCAGAGCGAAG Reverse 5-3 CACCTGAGATTGCAGCGCA This study N/A Forward 5-3 CACCTGAGATTGCAGCGCA Reverse 5-3 CGTAGGCTGCTCCCCAAGG Reverse 5-3 CGAGGCGGCTGTGAAGCCAGA Reverse 5-3 CGAGCTGAGATGCAAC Reverse 5-3 TGCCGGGGTATAAACC Reverse 5-3 TGCGCAGCGGCATTAAACC Reverse 5-3 TGCGCGGGTGTGGAACGACGAATGGAA Reverse 5-3 GGGATCCCTGGAAATGGAA Reverse 5-3 GGGATCCCTGGAAACGCA Reverse 5-3 TGCGCAGGCGGATGGAACGAC Reverse 5-3 TGCGCAGTGGAAGCACGA Reverse 5-3 TGCGCAGTGCAACGCAGAAGA Reverse 5-3 TGCGCAGTGCACGCAGAAGA Reverse 5-3 TGCGCAGTGCACGGAATGGAA Reverse 5-3 TGCCGAGTGCAACGAGG Reverse 5-3 TGCCGAGTGCAACGAG Reverse 5-3 TGCCGAGTGCAACGAGG Reverse 5-3 TGCCCGGGTATCAACCTG Primers TLR3: Forward 5-3 CCCCGGGGTATCAACGTG Primers TLR3: Forward 5-3 TCCCTGGGGGTATCACTCTC Reverse 5-3 TGCCCGAGTGCACAGGGT Primers TLR3: Forward 5-3 TCCCTGGGGGTATCACTCTG Primers TLR3: Forward 5-3 TCCCTGGGGGTAGCAGGGTGC Primers TLR3: Forward 5-3 TCCCTGGGGCTAGATGGTTC Reverse 5-3 TCCCTGGGGCTAGATGGTTC Reverse 5-3 TCCCTGGGGCTAGATGGTTC Reverse 5-3 TCCCTGGGGCTAGATGGTTC Reverse 5-3 TCCCTGGGGCTAGATGGTTCT Primers STING: Forward 5-3 CCCCGATCGCAAGGGAGG Reverse 5-3 CCCCGATCGCAAGGGAGG Reverse 5-3 CCCCGGCTGCACACGTCC Primers TLR: Forward 5-3 TCCCTGGGGCTGACACG Reverse 5-3 CCCCGGCTGCACACGTCC Reverse 5-3 CCCGGATCGCAAGGGATCC Reverse 5-3 CCCGGATGCCACACCTC Reverse 5-3 CCCGGACGTCCACGGGAGGC Primers STING: Forward 5-3 CCCGGACGCACACCTC Reverse 5-3 CGGAGGCCTACCACCGCACC Reverse 5-3 CGGAGGCCTACCACCGCACC Reverse 5-3 CGGAGGCCTACCACCCC Primers SIN41: Forward 5-3 CCCGGACGCCTACCACCCC Reverse 5-3 CGGAGGCCTACCACCCCC Reverse 5-3 CGGAGGCCTACCACCCCC Primers Bank S14122156c1 Primers CINC: Cancel 5-3 CGGCAGCCTACCACCGCACCCCC Reverse 5-3 CGGAGGCGGCGCGCCTACCCCC Primers B	Primers TBP:	This study	N/A
reverse 5-3 CGAAGGCAATGGCTTTAGG         Primers IFNA:           Forward 5-3 CGATGGCCTGCCCCTTGCTTTA         (Paijo et al., 2016)         N/A           Reverse 5-3 TGGCGATGCCAGGCGAGACCACAGCC         Primers IFNB1:         (Paijo et al., 2016)         N/A           Forward 5-3 TGTCGGCGTCCTCCTCTTCG         This study         N/A           Primers ISG15:         TGTCGGTGTCAGAGCTGAAG         N/A           Forward 5-3 TGTCGCTGCCAGAGCTGAAG         This study         N/A           Forward 5-3 CGTAGGCTGCTCCCAGAGG         This study         N/A           Forward 5-3 CGTAGGCGCGCTATAACC         This study         N/A           Forward 5-3 GGCTGGCGCGCTATAACC         This study         N/A           Primers IRG1:         (Hamel et al., 2015)         N/A           Forward 5-3 GGCAGGCGGCATGAACACAG         (Hamel et al., 2015)         N/A           Forward 5-3 GCGTGCCACGAATGAACCAG         Primers BlH1:         (Hamel et al., 2015)         N/A           Forward 5-3 GCCTGCGGGGTATCATCTTC         Primers Bank         149408121c3         149408121c3           Forward 5-3 TGCCATGCACGAGTCACAGGG         Primer Bank         19718735c1         Primers TLR3:           Forward 5-3 TCCCTGGGGCTACATCTTC         Primers Bank         19718735c1         Primers TLR3:         149408121c3           Forward 5-3 TCCCTGGGGCTACATGCTTGGGGG	forward 5->3 GGGCACCACTCCACTGTATC	5	
Primers IFNA:         (Paijo et al., 2016)         N/A           Forward 5->3 GGATGGCCTGGCCCTTTGCTTTA Reverse 5->3 TGTGGCAATTGAATGGGAGGCTGA Reverse 5->3 TGTGGCAATTGCAGGGGAGCTGAA Reverse 5->3 TGTGGGTGTCAGAGCTGAAG Reverse 5->3 GGATGCGGGGTCGTCGCACTTGTC         (Paijo et al., 2016)         N/A           Forward 5->3 TGTGGGGTGCAGAGCTGAAG Reverse 5->3 GAGGTCGTCGCACTTGTC         This study         N/A           Forward 5->3 TGTGGGGTGTCAGAGCTGAAG Reverse 5->3 GAGGTGCTGCGCACTTGTC         This study         N/A           Primers IFIZ:         This study         N/A           Forward 5->3 CAGCTGAGAATTGCACTGCAA Reverse 5->3 CGATGGCGGCTGTTGCAAAGGA         Hamel et al., 2015)         N/A           Forward 5->3 TGGGCGTGTGTGAAAGCACTGT         This study         N/A           Forward 5->3 GGGATCCCTGGAAATGGA         (Hamel et al., 2015)         N/A           Forward 5->3 GGCATGCAGCAGCAGCAG Reverse 5->3 TGCGGATTCCTCTTTTGCAG         Primer Bank         149408121c3           Forward 5->3 GCCCTGGGGTATCATCTTC Reverse 5->3 TCCACGATGTCAACCATG         Primer Bank         19718735c1           Forward 5->3 CCCCTGGGGTAGATGACAGCAG Reverse 5->3 TCCACGACTGCAAGGATGGA Reverse 5->3 TCCACGACTGCAAGGATGCA Reverse 5->3 TCCACGACTGCAAGGAGG Reverse 5->3 TCCACGACTGCAAGGGTGCCAGGGGGAGGC Primers TLR2:         Primer Bank         19718735c1           Forward 5->3 CCCTGGGGTGTCCGCGAGAGGG Reverse 5->3 CACTGGCAGCACACTTC Primers STINC:         (Paijo et al., 2016)         N/A           Forward 5->3 CCCCGAGGTGGCCAGAAGGG Re	reverse 5->3 CGAAGTGCAATGGTCTTTAGG		
Forward 5-3 CGATGGCCTGGCCCTTGCTTA Reverse 5-3 CGATGCAGGGAGATCACAGCCC Primers IFNB1: Forward 5-3 TGTGGGCATTGAATGGAGGCTGAA Reverse 5-3 TGTCGGTGTCAGAGCTGAAG Reverse 5-3 TGTCGGTGTCAGAGCTGAAG Reverse 5-3 TGTCGGTGTCAGAGCTGAAG Reverse 5-3 CGCTGAGAATTGCACTGCAA Reverse 5-3 CGCTGGCGGCTCTCCTCTG Primers IF12: Primers IGAC Forward 5-3 CGTGGCGGCTATAAACC Reverse 5-3 CGGCGCGCTGTCACAGGAA Reverse 5-3 CGGCGCGCTGTGAAACCC Reverse 5-3 CGGCGCGCTGTAAAACC Primers RG-1: Primers RG-1: Primers RG-1: Corvard 5-3 GTGCGCTGCTGCAGAGAC Reverse 5-3 GGGCTGCGCGCAATGAA Reverse 5-3 GGGCTGCGCGCGCATGAA Reverse 5-3 GGGCTGCTGCACGAATGAA Reverse 5-3 GGGCTGCCCGGGAACGCC Primers RG-1: Primers RG-1: Primers RG-1: Corvard 5-3 GCCATGCAGATGCACCGACGA Reverse 5-3 CGCGGGTATCACGCAGCGCG Primers DHX58: Forward 5-3 TCGCCGGGGTATCATCTTC Primers TLR3: Forward 5-3 TCGCCTGGGGCTACAGCGTGC Primers TLR3: Forward 5-3 TCCCCGGGGTATCACGTCTG Primers STIGCCTTGGGCGCAGATGGACG Reverse 5-3 TCGCCGAGGTGCCACGAGGG Reverse 5-3 TCCCCGAGGTGTCCACGGTCT Primers CGAS: Forward 5-3 TCCCCGGGGTATCACGTCTG Primers GAS: Forward 5-3 TCCCCGAGGTGCCACAGGTGCT Primers STING: Forward 5-3 TCCCCAGGCTACAGTGTGC Primers STING: Forward 5-3 TCCCCGGGTACGAGGGT Reverse 5-3 CACCTGTGCCGCAGAGGGCTACGG Reverse 5-3 CACCTGGCGCAAGGAGG Reverse 5-3 CACCCGGTGCCGAGAGGG Reverse 5-3 CACCTGGCGCAACGGTCGCG Primers STING: Forward 5-3 CCCCGGGTACCACCTTC Primers STING: Forward 5-3 CCCCGGCTACACACCTTC Primers STING: Forward 5-3 CCCCGGCTACACACCTTC Primers STING: Forward 5-3 CCCCGGCTACACACCCTCC Reverse 5-3 CCCGGCTACACACCTTC Reverse 5-3 CCCGGCTACACACCTTC Reverse 5-3 CCCGGCTACACACCCTCC Primers SNA11: Forward 5-3 CCCGGCTACACACCCTCC Primers SNA12: Forward 5-3 CCCGGAGCGTCACCACCCTCC Primers Bank 13994334c1 Primers Bank 14122156c1 Primer Bank 14122156c1 Primers Bank 14122156c1 Primers CCCGGCTCACGAGAAGCCTACCCCCC Primers CCCGGCTACGAGCGCGCGGGAGCTT Primers CCCGCCTACGAGCGCGCGCGG Primers ZIKV: Primers ZIKV: Primers ZIKV: Primers ZIKV: Primers ZIKV: Primers ZIKV: Primers ZIKV: Pr	Primers IFNA:	(Paijo et al., 2016)	N/A
Reverse 5->3 GGGTCCAGGGAGATCACAGCCC         Primers IFNB1:           Primers IFNB1:         (Paijo et al., 2016)         N/A           Forward 5->3 TGTGGCAATTGAATGGGAGGCTTGA         Primers ISG15:         This study         N/A           Forward 5->3 TGTGGGGTCGTGGAGAG         This study         N/A           Forward 5->3 GAGGTGGTCGCGCATTGTC         This study         N/A           Primers IFIT2:         Forward 5->3 GGAGCGGCGCGCCTCTCCAAGGA         This study         N/A           Primers QAS1:         Forward 5->3 TGACGGCGCGCTATAAACC         This study         N/A           Forward 5->3 GGCACTGCAGCAGCAGAACCAG         (Hamel et al., 2015)         N/A           Forward 5->3 GGCATGCAGGAATGCAACGAG         (Hamel et al., 2015)         N/A           Forward 5->3 GGCCATGCAGAATGCAACCAG         Primers BrIH1:         (Hamel et al., 2015)         N/A           Primers IFIH2:         CCCGGGATTCATCTTC         Primer Bank         149408121c3           Primers DFK58:         GCCCATGCACGAGTGCACGGGGT         Primer Bank         19718735c1           Primers IRT8:         Primer Bank         19718735c1         Primers Bank           Forward 5->3 TCCACGATCACATGATGTTTC         Primer Bank         67944638c1           Forward 5->3 TCCACGATGCAAGATGCAACAGG         Primers GAS:         CCCCAGGCATGCAAGGAGGG	Forward 5->3 CGATGGCCTCGCCCTTTGCTTTA	(	-
Primers IFNB1:       (Paijo et al., 2016)       N/A         Forward 5->3 TGCAGCGCATTGAAGGCGCGCCTCCTTCTG       This study       N/A         Primers ISG15:       TGCAGGCGCACTGCAGAGGCTGCAGAG       N/A         Reverse 5->3 AGAGGTTCCTCCCCATTGCC       This study       N/A         Forward 5->3 CGCAGCTGCCCCCCCTTCCAA       Reverse 5->3 CGCAGGCTGCTCCCCCAAGGA       N/A         Reverse 5->3 CGCAGGCTGCTCCCCCAGGA       Reverse 5->3 CGCAGCTGCTGCCCCCCAAGGA       N/A         Forward 5->3 CGCAGCATGCACGCAGATGAA       (Hamel et al., 2015)       N/A         Forward 5->3 ACTGAGCATGCCACGAATGAA       (Hamel et al., 2015)       N/A         Reverse 5->3 CGCAGCATGCCAGCAGAACCCG       (Hamel et al., 2015)       N/A         Forward 5->3 GCCCTCGGGGTATCATCTTC       (Hamel et al., 2015)       N/A         Reverse 5->3 TGCGCTTGCACACGAG       Primer Bank       149408121c3         Primers TLR3:       GCCCTGGGGTATCATCTTC       Primer Bank       19718735c1         Forward 5->3 TCCCGGGCTTGCACACTGT       Primer Bank       67944638c1       67944638c1         Primers STINC:       Primer GAS:       (Paijo et al., 2016)       N/A         Forward 5->3 CCCAGCATGCACACGATTCCC       (Paijo et al., 2016)       N/A         Primers STINC:       CCCGGGTGTGCTGGGGATACCAC       (Paijo et al., 2016)       N/A	Reverse 5->3 GGGTCTCAGGGAGATCACAGCCC		
Forward 5-3 TCGGCAATTGAATGGGAGGCTTGA Reverse 5-3 TCACAGGGGTCCTCCTCTG Primers IGT5: Forward 5-3 TGCGGTGTCAGAGCTGAAG Reverse 5-3 AGAGGTTGCGCGCTTTGTC Primers IFIT2: Forward 5-3 CAGCTGAGAATTGCACTGCAA Reverse 5-3 CAGCGGGGGCTATAAACC Reverse 5-3 CAGCGGGGGCTATAAACC Reverse 5-3 TGGCGGGGCTATAAACC Reverse 5-3 TGGCGGGCTGCTGCCAAGGA Reverse 5-3 TGGACGCGCGCTGGAAACACCT Reverse 5-3 GGATCCGGGACATGAA Reverse 5-3 GGATCCCGGAAACACCTT Primers IFIH1: Forward 5-3 GGCATTGCAGAATGCAACCAG Reverse 5-3 TGGCGGGTATCAACCC Reverse 5-3 GGGATCCCTGGAAACACTTT Primers IFIH1: Forward 5-3 GCCATGCAGAAGCACCAG Primers DHX58: Forward 5-3 GCCATGCAGGATGCAACCAG Primers DHX58: Forward 5-3 GCCCTGGGGAATCATCTTC Reverse 5-3 TCGCGGTATCATCTTC Reverse 5-3 TCGCGGTATCATCTTC Reverse 5-3 TCGCGGTATCATCTTC Reverse 5-3 TCGCGGCTAGAAGGTCC Primers TLR3: Forward 5-3 GCCCTGGGGCTAGATGGTTC Primers TLR3: Forward 5-3 CCCAGCATGCAAGGAAGG Reverse 5-3 TCGCGATCACACGGTTTC Primers CGAS: Forward 5-3 CCCAGCATGCAAGGAAGG Reverse 5-3 CCCAGCATGCCAAGGTAGCACCA Reverse 5-3 CCCAGCATCACATGCTTC Primers CGAS: Forward 5-3 CCCCAGCATCACATGCTTC Primers CGAS: Forward 5-3 CCCCAGCATCACATGCTTC Primers STNG: Forward 5-3 CCCCAGCATCACATGGTTTC Reverse 5-3 CCCAGCATGCAAAGGAAGG Reverse 5-3 CCCAGCATCACAGGTTCCTTC Primers STNG: Forward 5-3 CCCAGCATGCAAAGGAAGG Reverse 5-3 CCCAGCATGCCAAGGAAGG Reverse 5-3 CCAACGCATCCCAGCATCCT Primers STNG: Forward 5-3 CCCAGGCTACACGGCTAACA Reverse 5-3 CCAAGGGGTCACAGGCAGCAGCA Primers STNG: Forward 5-3 CCCAGGCTAACGGGGATACCA Reverse 5-3 CCAAGGGGTCACGGGAATCC Reverse 5-3 CCAAGGGGTCACGGGAATCC Primers SNA1: Forward 5-3 TCGCGAGCCTACCACCCTC Reverse 5-3 CCAAGGGGTACAGGGGAAACCC Reverse 5-3 CCAAGGGGTCACGGGAATCC Reverse 5-3 CCAAGGGCGTACAGGGAATCC Primers BAN4: 13994334c1 Primer Bank 13994334c1 Primers ZIKV: ZIKA835 5-3 TTGGCAGCAGGAAGGC Primers ZIKV: ZIKA835 5-3 TTGGCAGCAGCAGAAGGCC Primers ZIKV: ZIKA835 5-3 TTGGCAGCAGCAGCAGGTC Primers ZIKV: ZIKA835 5-3 TTGGCAGCAGCAGAGGCC Primers ZIKV: ZIKA835 5-3 TTGGCAGCAGCAGCAGGAAGCC Primers ZIKV: ZIKA835 5-3 TTGGCAGCAGCAGCAGCGCAGCAGCAGCAGCAGCAGCAGCAG	Primers IFNB1:	(Paijo et al., 2016)	N/A
Reverse 5-3 TCAATGCGGCGTCCTCCTTCTG       Inters ISG15:       N/A         Primers ISG15:       This study       N/A         Forward 5-3 CGCTGACGAGCTTGCACAGCTTGCAA       Inters study       N/A         Primers IFI12:       This study       N/A         Primers RG-3 CGCTGCGCCTCCCAAGGA       Inters study       N/A         Primers RG-3 TGGCTGTGTTGAAACC       Inters study       N/A         Primers RG-1:       Forward 5-3 TGGCCTGTGTTGAAACC       Inters study       N/A         Primers RG-1:       Forward 5-3 GCGCATGCACCAGGAACCAG       Inters study       N/A         Primers RG-1:       Primers RG-1:       Inters study       N/A         Primers RG-2:       GGGATCCCTGGAAACCAG       Inters study       N/A         Primers RG-3:       GCCATGCAGAGCAACCAG       Inters study       N/A         Primers RG-2:       GGGATCCCTGGAATCACCAG       Inters study       N/A         Primers SIFIT:       Primer Bank       149408121c3       Inters study       Inters stu	Forward 5->3 TGTGGCAATTGAATGGGAGGCTTGA	(	
Primers ISG 15:     This study     N/A       Forward 5->3 KGAGGTTCGTCGCAGATTGCC     This study     N/A       Primers IFIT2:     This study     N/A       Forward 5->3 CAGCTGAGAATTGCACTGCAA     This study     N/A       Pormers CAS1:     This study     N/A       Forward 5->3 TGGCGCGTGTTGAAATGGC     This study     N/A       Primers CAS1:     This study     N/A       Forward 5->3 GGGATCGTGGCAACAGAA     (Hamel et al., 2015)     N/A       Forward 5->3 GGGATCCTGGAAACACTT     (Hamel et al., 2015)     N/A       Primers IFIH1:     Forward 5->3 GGCATTGCAGAGTGCAACCAG     (Hamel et al., 2015)     N/A       Primers DK58:     GCCCTCGGGGGTATCATCTTC     Primer Bank     149408121c3       Forward 5->3 TCACCGGATGCACACAGG     Primer Bank     19718735c1       Primers TLR3:     Primer Bank     19718735c1       Forward 5->3 TCCACGGATCACATGGTTCC     Primer Bank     67944638c1       Primers CAS2:     TCCACGGATCACAGGGTTTC     Primer Bank     67944638c1       Primers CAS1:     Forward 5->3 CCCACGCTACAAGGAGGG     (Paijo et al., 2016)     N/A       Primers SCAS2:     TCCACGGATCACACGGCTACAAGGGG     Primer Bank     67944638c1       Primers TR7:     Forward 5->3 CCCACGCTACACAGGAGGG     Primer Bank     67944638c1       Primers CAS1:     (Ferenczy and DeLuca, 20	Reverse 5->3 TCAATGCGGCGTCCTCCTTCTG		
Forward 5-33 TGTCGGTGTCAGAGCTGAAG Reverse 5-33 AGAGGTTCGTCGCATTTGTC Primers FIT2: Forward 5-33 CGAGCTGGTTCGAAGAGTGCAA Reverse 5-33 CGAGCGGCTATAAACC Reverse 5-33 TGGCCTGGTGTGAAATGTGT Primers RIG-I: Forward 5-33 AGTGAGCATGCAGGAATGAA Reverse 5-33 AGTGAGCATGCAGCAACCAG Primers RIG-I: Forward 5-33 AGTGAGCATGCAGCAACCAG Reverse 5-33 TGGCATTCCTTCTTTGCAGA Reverse 5-33 TGGCATGCACGAACCAG Primers TLR3: Forward 5-33 TCCAGGATGCACGAATGTT Primers TLR7: Forward 5-33 TCCAGGATGCAAGAGG Reverse 5-33 TCAACACTGTTAGATGTGT Primers TLR7: Pri	Primers ISG15:	This study	N/A
Reverse 5-3 AGAGGTTCGTCGCATTIGTC       N/A         Primers IFIT2:       This study       N/A         Forward 5-3 CAGCTGAGAATTGCACTGCAA       This study       N/A         Pormers 0AS1:       This study       N/A         Forward 5-3 TGACGCGCGCTATAAACC       This study       N/A         Pormers 0AS1:       (Hamel et al., 2015)       N/A         Forward 5-3 GGATCCTGCACGAATGAA       (Hamel et al., 2015)       N/A         Primers IFIH1:       (Hamel et al., 2015)       N/A         Primers DHX58:       Primer Bank       149408121c3         Primers TLR3:       Primer Bank       19718735c1         Primers TLR2:       Primer Bank       19718735c1         Primers TLR7:       Primer Bank       19718735c1         Forward 5-3 TCCACGATGCACATGGTCTTTC       Primer Bank       67944638c1         Forward 5-3 TCCACGATGCACAGGGGG       (Paijo et al., 2016)       N/A         Primers STING:       Primer GAS:       (Paijo et al., 2016)       N/A         Forward 5-3 ACACTGTCCTGGAAGAGGG       (Paijo et al., 2016)       N/A         Primers STING:       (Paijo et al., 2016)       N/A         Forward 5-3 ACACCTGTCCTGGAAGACGCTCACAC       (Paijo et al., 2016)       N/A         Forward 5-3 ACACCTGTCCTGGAAGTACG       (Paijo et al	Forward 5->3 TGTCGGTGTCAGAGCTGAAG	The etady	
Primers ITT2:       This study       N/A         Forward 5->3 CAGCTGAGAATTGCACTGCAA       This study       N/A         Primers OAS1:       This study       N/A         Forward 5->3 TGGCCTGGTTGAAATGTGT       This study       N/A         Primers RIG-I:       CAGGCATCCACGAATGAA       Reverse 5->3 GGGACCCTGGAAACACTTT         Primers RIFIH1:       Primers GGGATCCCTGGAAACACACG       (Hamel et al., 2015)       N/A         Porward 5->3 GCCATTGCAGAATGCAACCAG       Reverse 5->3 TGCGCATTGCAGATGCAACCAG       Primers DAK5:       Primers Bank       149408121c3         Forward 5->3 CCCCGGGGTATCATCTTTTGGGG       Primer Bank       149408121c3       19718735c1         Forward 5->3 TCCCCTGGGGTATCATCTTTGGGGG       Primer Bank       19718735c1       19718735c1         Forward 5->3 TCCCCGGGGTATCACTTTGGGGT       Primer Bank       19718735c1       19718735c1         Primers TLR3:       FORWard 5->3 TCCCCGATCAACATGGTTCTC       Primer Bank       67944638c1         Forward 5->3 TCCCCGATCAACATGGTTCTTTG       Primers STNG:       (Paijo et al., 2016)       N/A         Forward 5->3 ACCCGATCAACGGTCAACAG       (Paijo et al., 2016)       N/A       149408121c3         Primers STNG:       (Paijo et al., 2016)       N/A       149408121c3       149408121c3         Primers STNG:       (Paijo et al., 2016) <td>Reverse 5-&gt;3 AGAGGTTCGTCGCATTTGTC</td> <td></td> <td></td>	Reverse 5->3 AGAGGTTCGTCGCATTTGTC		
Initial StatusInitial StatusForward 5->3 CAGCTGAGAATTGCACTGCAAThis studyPrimers 0AS1:This studyPrimers 0AS1:This studyPrimers 0AS1:(Hamel et al., 2015)Primers 0AS1:(Hamel et al., 2015)Primers 1FIH1:(Hamel et al., 2015)Primers 0AS1:(Hamel et al., 2015)Primers 0AS1:(Hamel et al., 2015)Primers 1FIH2:(Hamel et al., 2015)Primers 1FIA3:Primer Bank149408121c319718735c1Primers 0ACCCTGGGGGTATCATCTTCPrimer BankReverse 5->3 TCGCGGGGTATCATCTTCReverse 5->3 TCGCGGGCTAGATGGCACCAGGReverse 5->3 TCGCGGGCTAGATGGTTCCPrimers 5-3 TCCCCGGGGTATCATCTTCReverse 5-3 TCCACAGATGCACAGGGGReverse 5-3 TCCACGGCTAGATGGTTTCPrimers 5TNG:Primers STNG:Primers TK:Primers TK:Primers TK:Primers TNG:Primers 5-3 ACATCTGCAGGGCTCACAGReverse 5-3 ACAACGCTTACAGCGTCAACAReverse 5-3 ACACGCTTACAGCGCGACACCACCTTCReverse 5-3 ACACGCTTACAGGGGAGGATTCPrimers TNI:Primers TNI:Primers TNI:Primers TNI:Primers 5-3 ACCGCTACAGGGGAGATGCCAPrimers 5-3 ACCGCTACAGGGGAGATGCCAPrimers 5-3 ACATCGCAGGGGGAGATGCCAPrimers 5-3 ACGG	Primers IFIT2:	This study	N/A
Forward 5-3       CGTAGGCTGCTCTCCAAGGA         Primers OAS1:       This study       N/A         Primers OAS1:       (Hamel et al., 2015)       N/A         Primers RIG-I:       (Hamel et al., 2015)       N/A         Primers RIG-I:       (Hamel et al., 2015)       N/A         Primers RIG-I:       (Hamel et al., 2015)       N/A         Primers Phi-H1:       (Hamel et al., 2015)       N/A         Forward 5-3       GCCATTGCAGATGCACACAG       Primers Bank       149408121c3         Primers TLR3:       Primers Bank       19718735c1         Primers TLR3:       Primer Bank       19718735c1         Forward 5-3       TCCCACAGCATGCACAGTCTTC       Primer Bank       67944638c1         Primers TLR7:       Primer Sank       67944638c1       Primers CAS:         Forward 5-3       TCCACAGCATGCAAAGGAAGG       (Paijo et al., 2016)       N/A         Primers STING:       (Paijo et al., 2013)		This study	
Institute of a construction of a	Reverse 5->3 CGTAGGCTGCTCTCCAAGGA		
Times UGA1: Forward 5-3 TGACTGGCGGCTATAAACC Reverse 5-3 TGACTGGCGGGCTATGAAA Reverse 5-3 GGGATCCCTGGAAACACTTTimes IdudyINAPrimers RIFH1: Primers TLR3: Forward 5-3 TCACCGATGTCCCCGGAATGCAA Reverse 5-3 CCCGGATGCCCACAGTCGA Primers TLR3: Forward 5-3 TCACACACTTACTTTGGGG Reverse 5-3 TCAACACTGTTATTTGGGGC Primers TLR3: Forward 5-3 TCCACGATGCAACCAG Reverse 5-3 TCAACACTGTTATTTGGGGC Primers TLR3: Forward 5-3 TCCACGATGCACACAGGGC Primers TLR3: Forward 5-3 TCCACGATGCCACAGTGGGT Primers TLR3: Forward 5-3 TCCACGATGCACAGTGGTTC Primers TLR3: Forward 5-3 TCCACGATGCACAGGGGT Primers TLR3: Forward 5-3 TCCACGATGCACAGGGGT Primers CGAS: Primers CAASCACTGTTCCTGGGGCTAGATGGTTCC Reverse 5-3 TCCACGATGCAACAGGGG Reverse 5-3 CCACGAGCATGCAAAGGAAGG Reverse 5-3 CCACGAGTGCCAGAGGAGGG Reverse 5-3 CCACGAGTGCCAGAGGAGGG Reverse 5-3 CCACGAGTCCTGGAGGAGGG Reverse 5-3 CCACGAGGTCCTGGAGGAGG Reverse 5-3 CCACGAGGCGCGAGAGGG Reverse 5-3 CCACGAGGTCCTGGAGGAGGG Reverse 5-3 CCACGAGGTCCTGGAGGAGGG Reverse 5-3 CCACGAGGCGCGAGGGCGGAGGTT Primers SING: Forward 5-3 CCCGCAAAGAGGGCGCGAGGGGGGAGGTT Primers SING: Forward 5-3 CCCGGAAGCACCACCTTC Reverse 5-3 CCAAAGAGGCGCGGAGGGGAGGTT Primers SIN1: Forward 5-3 GGGAGGCCTAACTACAAGGGAAGGA Primers SIN1: Forward 5-3 GGGAGGCCTAACTACAAGGGAAGGA Primers SIN1: Forward 5-3 GGCAGGCAAGCAACACCGGA Primers SIN1: Forward 5-3 GGCAGGCAGGATAGCA Primers SIN1: Forward 5-3 GGCAGGCAGAGCAACACCGGAGGAGGAGGC Primers SIN1: Forward 5-3 GGCAGGCAGACTCCC Reverse 5-3 GGCAGGCAGTCACACGCGAGGAAGCC Primers SIN1: Forward 5-3 GGCCAGGCAGTCACACCCGGAAGAGCC Primers SIN1: Forward 5-3 GGCAGGCAGTCTCCCC Reverse 5-3 GGCAGGCAGTCTCCCC Reverse 5-3 GGCAGGCAGTCCCCC Primers Bank S11394334c1 Forward 5-3 CCTGGACGCGCTTTCCTTGAA Reverse 5-3 GGCAGGCAGTCTCCCC Primers Bank S11394334c1 Forward		This study	N/A
Tormal 5 -3 TGGCCTGTGTTGAATGTGT(Hamel et al., 2015)N/APrimers RG-I: Forward 5 -3 GGGATCCCTGGAACACGA Reverse 5 -3 TGGCATTGCACGAAGCACCAG Reverse 5 -3 TGCGATTCCTTCTTTTGCAG Primers DHX58: Primers DHX58: Primers TRR3: Forward 5 -3 TCGCGAGATGCACCAGGTGCCCCAGGCT Primers TLR7: Forward 5 -3 TCCACGATGCCACAGTGCTCTTC Primers STNG: Forward 5 -3 TCCACGATGCCACAGTGCTTC Primers STNG: Forward 5 -3 CCCAGACTGCCAGATGGCACCAGAGGAGGC Reverse 5 -3 CCACAGCTGCTGGAGAGCGC Reverse 5 -3 CCACAGCTGTCCGGAGAGGC Reverse 5 -3 CCACAGCAGCAGGAGGC Reverse 5 -3 CCACAGCAGCAGCAGGAGGC Reverse 5 -3 CCACAGCAGCAGCAGCAGCAGGAGGC Reverse 5 -3 CCACAGCAGCAGCAGCAGCAGGAGGC Primers STNG: Forward 5 -3 CCCCAGGCTCCGGAGAGCG Reverse 5 -3 CCACAGCAGCAGCAGCAGCAGCAGGAGGC Primers TK: Primers STNG: Primers STNG: Primers ACCTIS Forward 5 -3 CCCCGGCTACACAGCGAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAG	Forward 5->3 TGACTGGCGGCTATAAACC	This study	
Netwiss 3-3Color Discrete for the AARTONPrimers RIG-I: Forward 533 GGGATCCCTGGAAACACTTT(Hamel et al., 2015)N/APrimers FIFH1: Forward 533 GGCATTGCAGAAGCAACCAG Reverse 533 CGCATGCAGAGCAACCAG(Hamel et al., 2015)N/APrimers DHX58: Forward 533 CCCCGGATGTCACACTCTC Reverse 533 CCCAGCATGCACAGTGGGPrimer Bank149408121c3Primers TLR7: Forward 53 TGCCTTGTATCACTTTGGGGTPrimer Bank19718735c1Primers TLR7: Forward 53 TCCCTGGGGCTAGATGGTTCC Reverse 533 TCCCTGGGGCTAGATGGTTCT Forward 53 TCCCGGATCACATGGTTCTTGPrimer Bank67944638c1Primers STING: Forward 53 CCACAGCATGCAAGGGAAGG Reverse 53 CCACACTGGTCCTGGAGTACG Forward 53 CCCCGCTTAACAGGATGCG Reverse 53 CCACACGGTCCCAGGTCCACAG Primers TK1:(Paijo et al., 2016)N/APrimers STING: Forward 53 ACACTGTGCAGGGCGCGGAGTTT(Paijo et al., 2016)N/APrimers STING: Forward 53 ACACTGGCACACGCGCCAACA Reverse 53 ACAAGCGGCGCGGGAGTTT(Paijo et al., 2016)N/APrimers STING: Forward 53 ACCACTGGCACACACCTC Reverse 53 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers SNA11: Forward 53 GGCAGAGCCTAACTACCAGCGACACCCC Reverse 53 AGATGAGCGTCACAGGGAACCC Reverse 53 AGATGAGCGTCACAGGGAACCC Reverse 53 AGATGAGCGTCCCGGAGAGTGCGAGAACCC Reverse 53 AGCGAAACACCCGGAAACCC Reverse 53 AGCGAAACACCCGGAAACCC Reverse 53 AGCGAAACACCCGGAAGAGCCPrimer Bank314122156c1Primers ZIKV: ZIKA835 53 TGGGCAGGAATACTGCTGATTGCPrimer Bank314122156c1Primers ZIKV: ZIKA835 53 TGGGCAGGAATACTGCTGATTGCPrimer Bank314122156c1	Poverse 5->3 TEGECTETETEAAATETET		
Finites Not.       (Hamel et al., 2013)       N/A         Forward 53 AGTGAGCATGCACGAATGAA       (Hamel et al., 2015)       N/A         Primers IFIH1:       (Hamel et al., 2015)       N/A         Forward 53 GCCATTGCAGATGCAACCAG       (Hamel et al., 2015)       N/A         Forward 53 GCCCTGGGGGTATCATCTTC       Primers Bank       149408121c3         Forward 53 TGCCAGATGTCACACATCTTC       Primers Bank       19718735c1         Forward 53 TGCCTGGGGGTAGATGGTTC       Primer Bank       67944638c1         Forward 53 TCCACACACTGTTATGTTTGGGGT       Primer Bank       67944638c1         Forward 53 TCCACAGCATGCAAGGGTTCT       Primer Bank       67944638c1         Forward 53 TCCACGGGTAGATGGTTTC       Primer Bank       67944638c1         Forward 53 TCCACAGCATGCAAAGGAAGG       (Paijo et al., 2016)       N/A         Forward 53 CCCAAGCATGCCAGAGTAGAGG       (Paijo et al., 2016)       N/A         Forward 53 CCCAAGCATGCAGAGGTCCTGGAAGG       (Ferenczy and DeLuca, 2009)       N/A         Forward 53 CCCGAAGCATGCACACACCA       (Ferenczy and DeLuca, 2013)       N/A         Forward 53 AGACGGTACAAGCGACACACA       Primers SNA11:       Primers Bank       301336132c1         Forward 53 AGATGGCCTAACAGCGACAGACA       Primer Bank       301336132c1         Forward 53 AGATGGACCTAACTGCCC <td>Primare PIC I:</td> <td>(Hamal at al. 2015)</td> <td>NI/A</td>	Primare PIC I:	(Hamal at al. 2015)	NI/A
Forward 5->3 GGGATCCCTGGAAACACTTT(Hamel et al., 2015)N/APrimers IFIH1: Forward 5->3 GCGATTGCAGATGCAACCAG Reverse 5->3 TTGCGGGTATCATCTTC Forward 5->3 GCGCTCGGGGTATCATCTTC Reverse 5->3 TCACCGGATGTCCACAGTCTGPrimer Bank149408121c3Primers TLR3: Forward 5->3 TCGCTTGTATCTACTTTGGGG Reverse 5->3 TCACCGATCACAGTGTCPrimer Bank19718735c1Primers TLR7: Forward 5->3 TCACCGGGCTAGATGGTTCC Reverse 5->3 TCACCGATCACATGGTTCTTGPrimer Bank67944638c1Primers TLR7: Forward 5->3 TCCACGATCACATGGTTCTTGPrimer Bank67944638c1Primers CGAS: Forward 5->3 ACATCTTCCTGCAACAGGAGG Reverse 5->3 ACAATCTTTCCTGCAACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CAAACCTGTGCGGGAGATTC Primers TLR2: Forward 5->3 ACATCTGCAGGTCCTGGAAGG Reverse 5->3 ACAATCTTGCAGGTCCACA Reverse 5->3 ACAATCTGGCACCACACCA Reverse 5->3 ACAATCTGGCACCACACCA Reverse 5->3 ACAATCTGGCACCACACCA Reverse 5->3 ACAAGGGTGCGGGAGATAGCA(Ferenczy and DeLuca, 2009)N/APrimers NL1: Primers STNI: Primers STNI: Primers STNI: Primers STNI: Primers ACTIN: Primers ACTIN: Primers ACTIN: Primers ACTIN: Primers STALT Primers STALTCGCACACACCTTC Reverse 5->3 AGAGGCGTACAGGGAAATCC Reverse 5->3 AGAGGCGTACAGAGGGAAATCC Reverse 5->3 AGCGAAACACCCGGAAAGACCC Primers ZIKX: ZIKA835 5->3 TTGGTCATGATACTGCTGATGCATCATCC Primers ZIKX: ZIKA835 5->3 TTGGTCATGATACTGCAAGGAGCCPrimer Bank Primer BankPrimers ZIKX: ZIKA8		(Hamer et al., 2015)	IN/A
Reverse 5-3StatusN/AFrimers IFIH1: Forward 5-33 GCCATTGCAGATGCAACCAG Reverse 5-3Primer Cancel and a statusN/AForward 5-33 TGCCTGGGGGTATCATCTTC Reverse 5-33 CCCGGGATGTCCACAGTCGPrimer Bank149408121c3Forward 5-33 TGCCTGGGGGTATCATCTTC Reverse 5-33 TGCACACTGTTACTTTTGGGG Reverse 5-33 TCCACACTGTACTACTTTGGGGGTPrimer Bank19718735c1Forward 5-33 TGCACACTGTATGTACTTTGGGGGT Primers TLR7: Forward 5-33 TCCACGATGCACAGTGCACAGTGGTTTC Reverse 5-33 TCCACGATGCACAGTGCACAGGGGGG Reverse 5-33 TCCACGATGCACAGGGAGGG Reverse 5-33 TCCACGATGCACAGGAGGG Reverse 5-33 CCCCAAGCATGCACAGGAGGG Reverse 5-33 CCCCAAGCATGCACAGGAGGG Reverse 5-33 CCCCAGCTGTCCTGGAGTACG Reverse 5-33 CCCCGCTTAACAGCGTCAACA Reverse 5-33 CCCCGCTTAACAGCGTCAACA Reverse 5-33 ACCCGCTTAACAGCGGCGGAGACTT Primers SNL1: Forward 5-33 TCGGAAGCCTAACACACCCTTC Reverse 5-33 CGGAAGCCTAACAGCACCACCTTC Reverse 5-33 CGGAAGCCTAACAGCAGCAGCA Primers SNL1:Primer Bank301336132c1Forward 5-33 CGGAAGCCTAACACACCCCCC Reverse 5-33 CGGAAGCCTAACACACCACCCCCCCCCCCCCCCCCCCCC			
Finite et al., 2013)IV/AForward 5->3 GCCATTGCAGATGCAACCAG Reverse 5->3 TIGCGATTCCTTCTTTTGCAGPrimer Bank149408121c3Primers DHX58: Forward 5->3 CCCGGGATGTCCACAGTCTGPrimer Bank19718735c1Primers TLR3: Forward 5->3 TCACACACTGTTATGTTTGTGGGGPrimer Bank67944638c1Primers TLR7: Forward 5->3 TCCCACAGTCACATGGTTTC Reverse 5->3 TCACACACTGTAGATGGTTTC Reverse 5->3 TCACACATGCAAGGAGG Reverse 5->3 CCCAGATCACATGGTTTTGPrimer Bank67944638c1Primers TLR7: Forward 5->3 CCCACGATCACATGGTTTC Reverse 5->3 ACCAGTCACATGGTTCTTGPrimer Bank67944638c1Primers STINC: Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 ACCAATCTTCCTGCAACAGG Reverse 5->3 ACCATCGCACGACACA Reverse 5->3 ACCATCGCAGGTCCTGGAGTACG Reverse 5->3 CCCAAAGAGTGCGGGAGTTT Primers STNC: Forward 5->3 CACAAGGTGCGGGAGTTT Primers STNC: Forward 5->3 CGGAAGCCTAACAGCGCACACA Reverse 5->3 ACCAATGGCACACACCACCACCTTC Reverse 5->3 ACGAAGCGTCACAGCGACACCACCTTC Reverse 5->3 AGATGAGCACTGCCACACCACCTTC Reverse 5->3 AGATGAGCACTGCACAGCGACACCCTC Reverse 5->3 GGCAGGCACACGACACCCCCCACACCTTC Reverse 5->3 GGCAGGCACACACACCCCCCCCCCCCCCCCCCCCCCCC	Reverse 5->5 GGGATCCCTGGAAACACTTT	(Hamal at al. 2015)	NI/A
Polyadd 5->3 CCCATCGATTCCTTCTTTGCAGPrimers DHX58: Forward 5->3 CCCCGGATGTCCACAGTCTC Reverse 5->3 CCCGGATGTCCACAGTCTGPrimer Bank149408121c3Primers TLR3: Forward 5->3 TCGCTTGTATCTACTTTTGGGG Reverse 5->3 TCACACACTGTTATCTACTTTTGGGG Reverse 5->3 TCACACACTGTTATGTGGGTPrimer Bank19718735c1Primers TLR7: Forward 5->3 TCCTTGGGGCTAGATGGTTTC Reverse 5->3 TCCACGATCACATGGTTCTGGGPrimer Bank67944638c1Primers CAS: Forward 5->3 TCCACGATCCACATGGTTCTG Reverse 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCCAAGGTCCTGGAGTACG Reverse 5->3 CCCAAGGTCCTGGAGTACG Reverse 5->3 CCAAAGAGTGCGACACA Reverse 5->3 CCAAAGAGGGCGGGGAGTTT Frimers TK: Forward 5->3 TCGGAAGCGCACACACCCTTC Reverse 5->3 ACGAAGCGTACAGGAGGA Reverse 5->3 CGAAGGGTACAGGGAAGCA Reverse 5->3 CGAAGGGTACAGGGAAGCA Reverse 5->3 CGAAGGGTACAGGGAAGCA Reverse 5->3 CGGAAGCCTAACTACAGCGA Reverse 5->3 CGGAAGCCTAACTACAGCGA Reverse 5->3 GCAGGGCACACACCCCC Reverse 5->3 GCAGGGCACACACCCCCC Reverse 5->3 GCAGGCGCACAGCACCCCCCCCCCCCCCCCCCCCCCCC		(Hamer et al., 2015)	N/A
Reverse 5-3TIGCGATTCCTGGAGTATCATCTTC Reverse 5-3Primer Bank149408121c3Forward 5->3GCCCTCGGGGGTATCATCTTC Reverse 5->3Primer Bank19718735c1Forward 5->3TIGCCTTGTATCTACTTTTGGGG Reverse 5->3TIGCACTGTATCTACTTTTGGGGTPrimer Bank19718735c1Primers TLR7: Forward 5->3TCCACGATCACATGGTTCT Reverse 5->3Primer Bank67944638c1Primers TLR7: Forward 5->3TCCACGATCACATGGTTCTTG 			
Primers DHAbs: Forward 5->3 GCCCTCGGGGTATCATCTTC Reverse 5->3 TICACACTGTTATGTTGTGGGG Primers TLR3:Primer Bank19718735c1Primers TLR3: Forward 5->3 TICACACATGTTATGTTGTGGGGT Primers TLR7: Forward 5->3 TICCACGATCACATGGTTCC Reverse 5->3 TICCACGATCACATGGTTCTG Primers CGAS: Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CAACACTGTTCCTGCAACATTCT Primers TING: Forward 5->3 CACCTGTGTCCTGGAAGGAAGG Reverse 5->3 CAACACTGTCTCGGAGTACG Reverse 5->3 CACATCTTCCTGCAACATTCT Primers TING: Forward 5->3 CCCAAGAGGTGCGGGAGTTC Primers STNIS: Forward 5->3 CCAAAGAGGTGCGGGAGTTC Primers SNA11: Primers SNA11: Forward 5->3 AGAGGCTACAACGCCACACCTCC Reverse 5->3 AGAGGCGTACAGGGAAGCA Primers SNA11: Forward 5->3 CCGAAGAGCTGCAGCAGCA Primers SNA11: Forward 5->3 CCGAAGAGCTACACACCCCCCC Primers SNA11: Forward 5->3 GCGCAGCACACTGCGCAGCA Primers SNA11: Forward 5->3 CCGAAGAGGGGGAGATGCC Primers MIXL1: Forward 5->3 CCGAAGAGCGTACAGCGAACCC Primers MIXL1: Forward 5->3 CCGAAGCAGCTAACTACAGCGAA Reverse 5->3 ACGGAAGCCTAACTACAGCGAA Reverse 5->3 CCGAAGAGCGGAAATCC Reverse 5->3 ACGGAAGCCTAACTACAGCGAA Reverse 5->3 ACGGAAGCCTAACTACACCC Primer BankN/APrimer Bank301336132c1Primer Bank13994334c1Forward 5->3 CCGGAGCGCGCTTTCCTCTGAA Reverse 5->3 ACCGAACACCGGAAATCC Reverse 5->3 ACCGACACCCGCTTTCCTTGAA Reverse 5->3 ACCGAACACCGGAAAGCC Primer Bank314122156c1Primer Ban	Reverse 5->3 TIGUGATTICCTICTTIGUAG	Drimer Deul	140400404-0
Forward 5->3 GCCCTCGGGGTATCATCTTC Reverse 5->3 CCCGGATGTCCACAGTCTGPrimer Bank19718735c1Primers TLR3: Forward 5->3 TTCAACAGTGTATGTTGTGGGGTPrimer Bank67944638c1Forward 5->3 TCCATGGGGCTAGATGGTTTC Reverse 5->3 TCCACGATCACATGGTTCTTGPrimer Bank67944638c1Forward 5->3 TCCACGATGCAAGGGATGGTTTC Reverse 5->3 TCCACGATGCAAGGGAAGG Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 ACAATCTTCCTGCAACATTTCTPrimer Bank67944638c1Primers GAS: Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCACTGTGTCCTGGAGTACG Reverse 5->3 CAACCTGTGTCCTGGAGGACG Reverse 5->3 CCAAAGAGGTGCGGGAGTTC(Paijo et al., 2016)N/APrimers TK: Forward 5->3 CCCAAGAGGTGCGGGGAGTTT(Ferenczy and DeLuca, 2009)N/APrimers ACTIN: Forward 5->3 TCGGAAGCCACACACCTTC Reverse 5->3 ACAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers MIXL1: Forward 5->3 TCGGAAGCCTAACTACAGCGAA Reverse 5->3 GGCAGAGCATGGCAACACCCC Reverse 5->3 GGCAGAGCAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCACACGGA Reverse 5->3 GGCAGGCAGTTCACATCACC Primers MIXL1: Forward 5->3 CCGGAACCGCGTTTCTCTTGAA Reverse 5->3 GCCAGGCAGTTCACATCACC Primers LHX1: Forward 5->3 CCGGAACACCGGAAGGGAAATCC Reverse 5->3 ACCGAACACCGGAAGGAAATCC Reverse 5->3 ACCGAACACCGGAAGGGAAATCC Reverse 5->3 ACCGAACACCGGAAGGAAGCCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGCVIA11122156c1	Primers DHX58:	Primer Bank	14940812103
Reverse 5->3 CCCGGCATGACAGGTCTGPrimer Bank19718735c1Primers TLR3: Forward 5->3 TCGCTTGGGCTAGATGGTTTC Reverse 5->3 TCAACACTGTTATGTTGTGGGTPrimer Bank67944638c1Primers TLR7: Forward 5->3 TCCTTGGGGCTAGATGGTTTC Reverse 5->3 TCCACGATCACATGGTTCTTGPrimer Bank67944638c1Primers GAS: Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCAAGCATGCAAAGGAAGG Reverse 5->3 CACATCTTCCTGCAACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGCTCGGAGTACG Reverse 5->3 CCAAGGATGCCAGGTCACGA Reverse 5->3 CCAAGAGTTCCTGGAAGG Reverse 5->3 CCAAGAGGTGCGGGAGTTT(Ferenczy and DeLuca, 2009)N/APrimers NK: Primers ACTIN: Forward 5->3 CCAAGAGGTCACGACACCACCACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCA(Lancaster et al., 2013)N/APrimers SNA11: Forward 5->3 CGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGCCAGGGAAATCC Reverse 5->3 AGATGAGCATTGCAAGGGAAATCC Reverse 5->3 GCGTCAGAGTGGGAAATCC Reverse 5->3 GCGTCAGAGTGGGAAATCC Reverse 5->3 GCGCAGGCAGTTCACATCTACCCPrimer Bank301336132c1Primers LHX1: Forward 5->3 CCTGGAACCACCTTCCTGAA Reverse 5->3 ACCGAAACACCCGGAAATCC Reverse 5->3 ACCGAAACACCCGGAAGTCC Primers LHX1: Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAACACCCGGAAATCC Reverse 5->3 ACCGAACACCCGGAAGAACC CCGAAACACCCGGAAGAGCCPrimer Bank314122156c1Primers LHX1: Forward 5->3 TTGGTCATGATACTGCTGATTGCPrimer Bank314122156c1Primers LHX1: Forward 5->3 TTGGTCATGATACTGCTGATTGCV/AV/A			
Primers ILR3:Primer Bank19/18/3Sc1Forward 5->3 TCGCTTGTATCTACTTTGGGGTPrimer Bank67944638c1Primers TLR7:Primer Bank67944638c1Forward 5->3 TCCACGATCACATGGTTCTPrimer Bank67944638c1Primers CGAS:(Paijo et al., 2016)N/AForward 5->3 CCCAAGCATGCAAAGGAAGG(Paijo et al., 2016)N/APrimers STING:(Paijo et al., 2016)N/AForward 5->3 CACCTGTGTCCTGGAGTACG(Paijo et al., 2016)N/AForward 5->3 CACCTGTGTCCTGGAGTACG(Paijo et al., 2016)N/APrimers STING:(Paijo et al., 2016)N/AForward 5->3 CACCGCTTAACAGCGTCAACA(Ferenczy and DeLuca, 2009)N/APrimers ACTIN:(Lancaster et al., 2013)N/APrimers SNAI1:Primer Bank301336132c1Forward 5->3 CGGAAGCCTAACTACAGCGAPrimer Bank301336132c1Primers MIXL1:Primer Bank13994334c1Forward 5->3 CGGCAGGCAGTGGGGAAATCCPrimer Bank13994334c1Forward 5->3 CGGAAGCCGCGCGTCACACCACCCCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Forward 5->3 ACCGAAACACCCGGAAGAAGCCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Forward 5->3 TGGTCATGATACTGCTGAAGAAGCCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Forward 5->3 TGGTCATGATACTGCTGAAGAAGCCPrimer Bank314122156c1	Reverse 5->3 CCCGGATGTCCACAGTCTG		40740705 4
Forward 5->3 TCAACACTGTTATGTTGTGGGTPrimer Bank67944638c1Primers TLR7: Forward 5->3 TCCACGATCACATGGTTCTTGPrimer Bank67944638c1Porward 5->3 TCCACGATCACATGGTTCTTG(Paijo et al., 2016)N/APrimers cGAS: Forward 5->3 ACAATCTTTCCTGCAACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGCCTGGAGTACG Reverse 5->3 ACAATCTTTCCTGCAACATTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGCCTGGAGTACG Reverse 5->3 CAATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK: Forward 5->3 ACACCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers SNAI1: Forward 5->3 CCGGAAGCCTAACTACAGCGAA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank13994334c1Forward 5->3 CCGGAAGCCTAACTACAGCGAA Reverse 5->3 GCGTCAGAGTGGGAAATCC Primers LHX1: Forward 5->3 CCTGGACCGCTTCACATCTACAC Primers LHX1: Forward 5->3 CCTGGACCGCTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAGTCPrimer Bank314122156c1Primers LHX1: Forward 5->3 CCTGGACCGCTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAGTCPrimer Bank314122156c1Primers LHX1: Forward 5->3 TTGGTCATGATACTGCTGCATGCATGCAPrimer Bank314122156c1Primers LHX1: Forward 5->3 TTGGTCATGATACTGCTGAATGCN/A14122156c1	Primers ILR3:	Primer Bank	19/18/3501
Reverse 5->3 TCAACACTGTTATGTTGTGGGGTPrimer Bank67944638c1Porward 5->3 TCCTTGGGGCTAGATGGTTTC Reverse 5->3 TCCACGATCACATGGTTCTTTGPrimer Bank67944638c1Primers GAS: Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 CCAAGCATGCAAAGGAAGG Reverse 5->3 CAATCTTTCCTGCAACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGTCCTGGAGTACG Reverse 5->3 CACCGGTTAACAGCGTCAGGG(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCGGTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Ferenczy and DeLuca, 2009)N/APrimers TK: Forward 5->3 ACCGGCTAACAACACCTTC Reverse 5->3 CCAAAGAGGGTGCGGGAGAGTT(Lancaster et al., 2013)N/APrimers SNA11: Forward 5->3 ACGGAGCTAACGACACCTTC Reverse 5->3 AGAGGCGTAAGGGATAGCAPrimer Bank301336132c1Primers SNA11: Forward 5->3 AGAGGCACACTTGCCAGCGAG Reverse 5->3 AGATGAGCATTGGCAGCGAGAPrimer Bank13994334c1Primers MIXL1: Forward 5->3 CCTGGACCGCTTCACATCTACC Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank314122156c1Primers LHX1: Forward 5->3 CCTGGACCGCGTTCCTTGGAA Reverse 5->3 ACCGAAACACCGGAAGAAGTC Primers LHX1: Forward 5->3 CTGGAACACCGGAAGAAGTC Primer SLHX1: Forward 5->3 CTGGAACACCGGAAGAAGTC Primer SLHX1: Forward 5->3 CTGGAACACCGGAAGAAGTC Primer SLHX1: Forward 5->3 TTGGTCATGATACTGCTGAAGAAGTCPrimer Bank314122156c1Primers LHX1: Forward 5->3 TTGGTCATGATACTGCTGAAGAGTCPrimer Bank314122156c1			
Primers ILR7:Primer Bank67944638C1Forward 5->3 TCCTTGGGGCTAGATGGTTTC Reverse 5->3 TCCACGATCACATGGTTCTTTGPrimer Bank67944638C1Primers CGAS: Forward 5->3 CCCAGGCTGCAGCAAGGAAGG Reverse 5->3 CAAGCTGTGCCTGGAAGACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGTCCTGGAGGAAGG Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCGCTTAACAGCGTCAACA Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK: Forward 5->3 ACCGCCTTAACAGCGGCAGAGTT(Lancaster et al., 2013)N/APrimers ACTIN: Primers SNAI1: Forward 5->3 TCGGAAGCCTAACAACAGCGA Reverse 5->3 AGAGGCGTACAGGGAATAGCAPrimer Bank301336132c1Primers SNAI1: Forward 5->3 CGGAAGCCTAACTACAGCGAA Reverse 5->3 AGATGAGCATTGGCAGCAGCAGCPrimer Bank301336132c1Primers MIXL1: Forward 5->3 CGCGGCAGTTGCACACACCCC Reverse 5->3 GGCAGGCAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCACACCPrimer Bank314122156c1Primers LHX1: Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAAGACCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGCV/AV/A	Reverse 5->3 TCAACACTGTTATGTTTGTGGGG		07044000 4
Forward 5->3 TCCTGGGGCTAGATGGTTTTCReverse 5->3 TCCACGATCACATGGTTCTTTGPrimers cGAS:(Paijo et al., 2016)Forward 5->3 CCCAAGCATGCCAAAGGAAGGReverse 5->3 ACAATCTTTCCTGCAACATTTCTPrimers STING:(Paijo et al., 2016)Forward 5->3 CACCTGTGTCCTGGAGTACGReverse 5->3 CATCTGCAGGTTCCTGGTAGGPrimers TK:(Ferenczy and DeLuca, 2009)Forward 5->3 CCCAAGAGTGCGGGAGTTTPrimers TK:Primers ACTIN:Primers ACTIN:Primers SNA11:Forward 5->3 AGAGGCGTACAGGGATAGCAPrimers SNA11:Forward 5->3 CGGAAGCCTAACTACAGCGAPrimers MXL1:Primers MXL1:Primers MXL1:Primers LHX1:Primers LHX1:Forward 5->3 CCTGGAACGCGTCAACAPrimers LHX1:Primers ZIKV:ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC		Primer Bank	6794463801
Reverse 5->3 ICCACGATCACATGGTTCTTG(Paijo et al., 2016)N/APrimers cGAS: Forward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 ACAATCTTTCCTGCAACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGTCCTGGAGTACG Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGTGTCCTGGAGTACG Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK: Forward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers SNA11: Forward 5->3 TCGGAAGCATTGCACACCGGA Reverse 5->3 GGCAGGCAGTTCACATCACAGCGAGPrimer Bank13994334c1Primers MIXL1: Forward 5->3 GCCGGAGGCAGTTCACATCTACC Reverse 5->3 GCCAGAGCAGTTCACATCTACCPrimer Bank314122156c1Primers LHX1: Forward 5->3 CCTGGAACCGCGTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAGTCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC(Lanciotti et al., 2008)N/A			
Primers CGAS:(Paijo et al., 2016)N/AForward 5->3 CCCAAGCATGCAAAGGAAGG Reverse 5->3 ACAATCTTCCTGCAACATTCT(Paijo et al., 2016)N/APrimers STING:(Paijo et al., 2016)N/AForward 5->3 CACCTGTGTCCTGGAGTACG Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK:(Ferenczy and DeLuca, 2009)N/AForward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN:(Lancaster et al., 2013)N/AForward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers SNA11:Primer Bank301336132c1Forward 5->3 GCCAGAGCTAACTACAGCGAG Reverse 5->3 AGATGAGCATTGGCAGCGAGPrimer Bank301336132c1Primers MIXL1:Primer Bank13994334c1Forward 5->3 GCCAGGCAGTTCACATCTACCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Forward 5->3 ACCGAAACACCCGGAAGAAGTCPrimer Bank314122156c1Primers ZIKV:(Lanciotti et al., 2008)N/A	Reverse 5->3 TCCACGATCACATGGTTCTTTG		N1/A
Forward 5->3 CCCAAGCATGCAAAGGAAGGReverse 5->3 ACAATCTTTCCTGCAACATTTCTPrimers STING: Forward 5->3 CACCTGTGTCCTGGAGTACG Reverse 5->3 CATCTGCAGGTTCCTGGTAGGPrimers TK: Forward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGGTGCGGGAGTTTPrimers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGATAGCAPrimers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGGCAGCGAGPrimers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGGCAGCGAGGAAATCC Reverse 5->3 GGCGTCAGAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCAPrimers MIXL1: Forward 5->3 CCTGGACCGCTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAAGTCPrimers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC	Primers cGAS:	(Paijo et al., 2016)	N/A
Reverse 5->3 ACAACCTTTCCTGCAACATTTCT(Paijo et al., 2016)N/APrimers STING: Forward 5->3 CACCTGCAGGTTCCTGGAGTACG Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK: Forward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCA(Lancaster et al., 2013)N/APrimers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGAA Reverse 5->3 AGATGAGCATTGGCAGCAGCGAGPrimer Bank301336132c1Primers MIXL1: Forward 5->3 GGCGTCAGAGTGGGAAATCC Reverse 5->3 GGCAGCAGGCGAGGAATCC Reverse 5->3 GCAGGCAGTTCACATCACACCPrimer Bank13994334c1Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAGTCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC(Lanciotti et al., 2008)N/A			
Primers STING:(Paijo et al., 2016)N/AForward 5->3 CACCTGTGTCCTGGAGTACG Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK:(Ferenczy and DeLuca, 2009)N/AForward 5->3 ACCCGCTTAACAGCGGCAGCACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN:(Lancaster et al., 2013)N/AForward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers SNAI1:Primer Bank301336132c1Forward 5->3 TCGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank13994334c1Forward 5->3 GGCGTCAGAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGACCPrimer Bank314122156c1Primers ZIKV:(Lanciotti et al., 2008)N/A	Reverse 5->3 ACATCITICCIGCAACATTICT	(Doille at al. 0040)	N1/A
Forward 5->3 CACCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)N/APrimers TK: Forward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCA(Lancaster et al., 2013)N/APrimers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGAA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank301336132c1Primers MIXL1: Forward 5->3 GGCGTCAGAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank13994334c1Primers LHX1: Forward 5->3 CCTGGAACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAGTCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC(Lanciotti et al., 2008)N/A		(Paljo et al., 2016)	N/A
Reverse 5->3 CATCTGCAGGTTCCTGGTAGG(Ferenczy and DeLuca, 2009)Primers TK: Reverse 5->3 ACCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGGGCGGGGAGTTT(Lancaster et al., 2013)Primers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCA(Lancaster et al., 2013)Primers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGAA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank301336132c1Primers MIXL1: Forward 5->3 GGCAGGCAGTCACAGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCAGCGA Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer BankPrimers LHX1: Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAAGTCPrimer BankPrimers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC(Lanciotti et al., 2008)	Forward 5->3 CACCIGIGICCIGGAGIACG		
Primers TK:(Ferenczy and DeLuca, 2009)N/AForward 5->3 ACCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGAGTTT(Lancaster et al., 2013)N/APrimers ACTIN:(Lancaster et al., 2013)N/AForward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Primers SNAI1:Primer Bank301336132c1Forward 5->3 TCGGAAGCCTAACTACAGCGAA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank13994334c1Primers MIXL1:Primer Bank13994334c1Forward 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Primers ZIKV:(Lanciotti et al., 2008)N/A	Reverse 5->3 CATCIGCAGGIICCIGGIAGG	(Farmer and Dalwar 0000)	N1/A
Forward 5->3 ACCCCGCTTAACAGCGTCAACA Reverse 5->3 CCAAAGAGGTGCGGGGAGTTTImage: Comparison of the second seco		(Ferenczy and DeLuca, 2009)	N/A
Reverse 5->3 CCAAAGAGGTGCGGGGGTTTPrimers ACTIN: Forward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCA(Lancaster et al., 2013)N/APrimers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank301336132c1Primers MIXL1: Forward 5->3 GGCGTCAGAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank13994334c1Forward 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank13994334c1Primers LHX1: Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAAGTCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC(Lanciotti et al., 2008)N/A			
Primers ACTIN:(Lancaster et al., 2013)N/AForward 5->3 AAATCTGGCACCACACCTTC Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimers SNAI1:Primer Bank301336132c1Primers SNAI1:Primer Bank301336132c1Forward 5->3 TCGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGGCAGCGAGGPrimer Bank13994334c1Primers MIXL1:Primer Bank13994334c1Forward 5->3 GGCGTCAGAGTGGGAAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank314122156c1Primers LHX1:Primer Bank314122156c1Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAAGTCN/APrimers ZIKV:(Lanciotti et al., 2008)N/A			N1/A
Forward 5->3 AGATCTGGCACCACACCTTCReverse 5->3 AGAGCGCTACAGGGATAGCAPrimers SNAI1:Forward 5->3 TCGGAAGCCTAACTACAGCGAReverse 5->3 AGATGAGCATTGGCAGCGAGPrimers MIXL1:Forward 5->3 GGCGTCAGAGTGGGAAATCCReverse 5->3 GGCAGGCAGTTCACATCTACCPrimers LHX1:Forward 5->3 CCTGGACCGCTTTCTCTTGAAReverse 5->3 ACCGAAACACCGGAAGAAGTCPrimers ZIKV:ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC		(Lancaster et al., 2013)	N/A
Reverse 5->3 AGAGGCGTACAGGGATAGCAPrimer Bank301336132c1Porimers SNAI1: Forward 5->3 TCGGAAGCCTAACTACAGCGA Reverse 5->3 AGATGAGCATTGGCAGCGAGPrimer Bank13994334c1Primers MIXL1: Forward 5->3 GGCAGCAGTGAGAATCC Reverse 5->3 GGCAGGCAGTTCACATCTACCPrimer Bank13994334c1Primers LHX1: Forward 5->3 CCTGGACCGCTTTCTCTTGAA Reverse 5->3 ACCGAAACACCGGAAGAAGTCPrimer Bank314122156c1Primers ZIKV: ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC(Lanciotti et al., 2008)N/A			
Primer SINATI:       Primer Bank       301336132C1         Forward 5->3 TCGGAAGCCTAACTACAGCGA       Primer Bank       301336132C1         Primers MIXL1:       Primer Bank       13994334c1         Forward 5->3 GGCAGCAGTGGGAAATCC       Primer Bank       13994334c1         Forward 5->3 GGCAGGCAGTTCACATCTACC       Primer Bank       314122156c1         Primers LHX1:       Primer Bank       314122156c1         Forward 5->3 CCTGGACCGCTTTCTCTTGAA       Primer Bank       314122156c1         Primers ZIKV:       (Lanciotti et al., 2008)       N/A	Reverse 5->3 AGAGGCGTACAGGGATAGCA	Drimer Deul	204220422-4
Polward 5->3 FCGGAAGCCTAACTACGCGAG       Primer Solution         Reverse 5->3 AGATGAGCATTGGCAGCGAG       Primer Bank         Forward 5->3 GGCGTCAGAGTGGGAAATCC       Primer Bank         Reverse 5->3 GGCAGGCAGTTCACATCTACC       Primer Bank         Primers LHX1:       Primer Bank         Forward 5->3 CCTGGACCGCTTTCTCTTGAA       Primer Bank         Reverse 5->3 ACCGAAACACCGGAAGAAGTC       Primer Bank         Primers ZIKV:       (Lanciotti et al., 2008)         ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC       N/A		Primer Bank	30133613201
Primers MIXL1:       Primers MIXL1:       Primers Bank       13994334c1         Forward 5->3 GGCAGCCAGAGTGGGAAATCC       Primer Bank       13994334c1         Primers LHX1:       Primers Bank       314122156c1         Forward 5->3 CCTGGACCGCTTTCTCTTGAA       Primer Bank       314122156c1         Primers ZIKV:       (Lanciotti et al., 2008)       N/A			
Frimer Strikt I.       Frimer Bank       1399433401         Forward 5->3 GGCAGCAGTCAGAGTGGGAAATCC       Primer Bank       314122156c1         Primers LHX1:       Primer Bank       314122156c1         Forward 5->3 CCTGGACCGCTTTCTCTTGAA       Primer Bank       314122156c1         Primers ZIKV:       (Lanciotti et al., 2008)       N/A	Reverse 5->3 AGATGAGCATTGGCAGCGAG	Drimar Dank	12004224-1
Polward 5-33 GGCGTCAGAGTGGGAAATCC       Reverse 5-33 GGCAGGCAGTTCACATCTACC         Primers LHX1:       Primer Bank       314122156c1         Forward 5-33 CCTGGACCGCTTTCTCTTGAA       Reverse 5-33 ACCGAAACACCGGAAGAAGTC       Viewerse 5-33 ACCGAAACACCGGAAGAAGTC         Primers ZIKV:       (Lanciotti et al., 2008)       N/A         ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC       Viewerse       Viewerse		Primer Dank	1399433401
Reverse 5->3 GGCAGGCAGTTCACATCTACC       Primer Bank       314122156c1         Primers LHX1:       Primer Bank       314122156c1         Forward 5->3 CCTGGACCGCTTTCTCTTGAA       Primer Bank       314122156c1         Primers ZIKV:       (Lanciotti et al., 2008)       N/A         ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC       N/A       1000000000000000000000000000000000000			
Frimer Bank     314122156C1       Forward 5->3 CCTGGACCGCTTTCTCTTGAA     8       Reverse 5->3 ACCGAAACACCGGAAGAAGTC     8       Primers ZIKV:     (Lanciotti et al., 2008)       ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC     N/A	Reverse 5->3 GGCAGGCAGTTCACATCTACC	Drimer Denk	211122450-1
Reverse 5->3 ACCGAAACACCGGAAGAAGTC     Image: Construction of the construction o			31412215601
Primers ZIKV:     (Lanciotti et al., 2008)     N/A       ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC     (Lanciotti et al., 2008)     N/A			
ZIKA835 5->3 TTGGTCATGATACTGCTGATTGC	REVEISE 3->3 AUGGAAAGAGGGGAAGAAGIG	(Lancietti et el. 2002)	N1/A
ZINA033 3->3 I I GUI GAI ACI GUI GAI I GU			N/A